

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW021121\  
 Data File : VW018089.D  
 Acq On : 11 Feb 2021 16:49  
 Operator : SY/VA  
 Sample : VIBLK13  
 Misc : 5.00G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VIBLK13

Quant Time: Feb 12 02:42:43 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM012921S.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Feb 12 02:37:00 2021  
 Response via : Initial Calibration

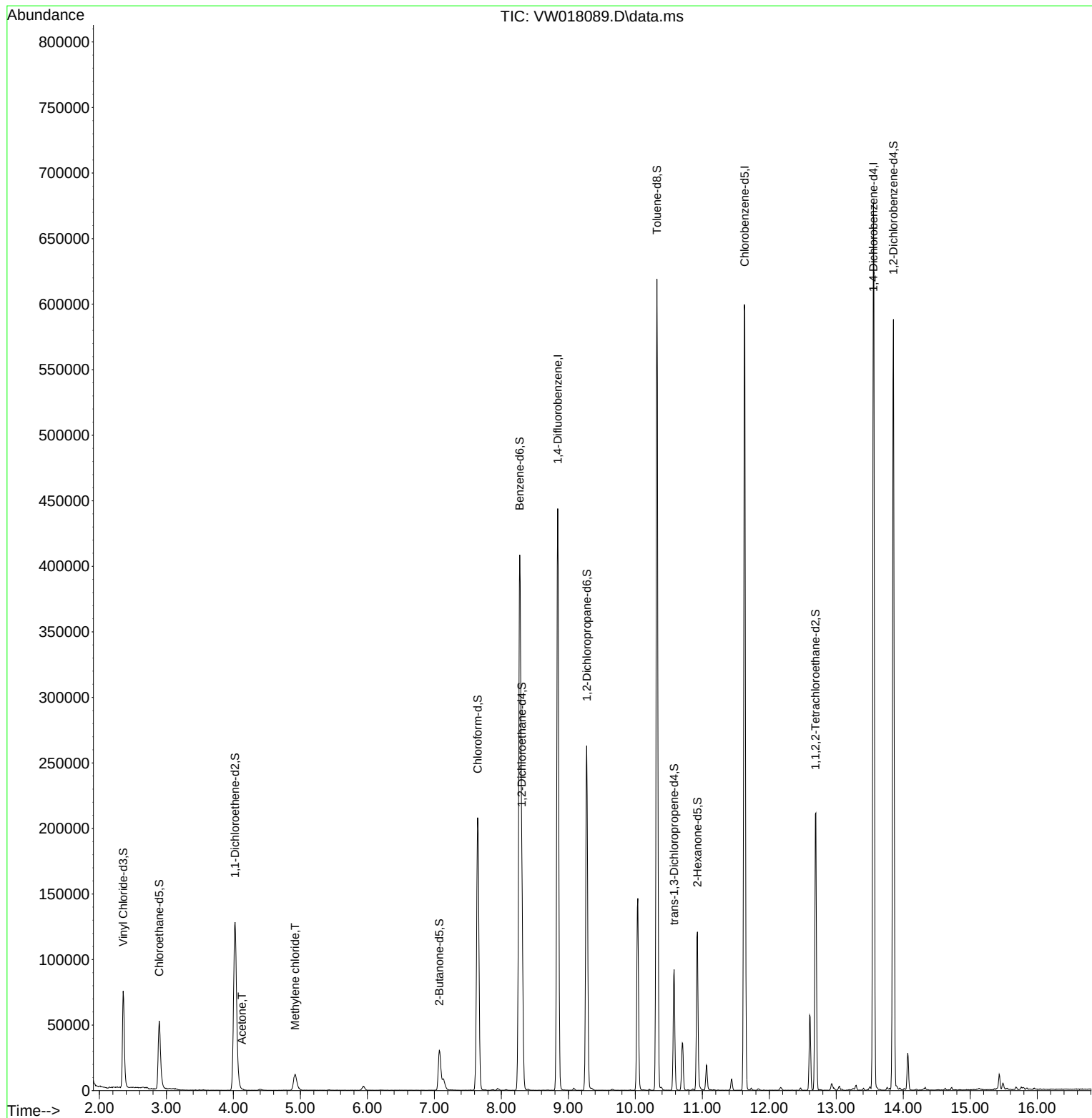
| Compound                      | R.T.           | QIon | Response   | Conc   | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|--------|--------|----------|
| -----                         |                |      |            |        |        |          |
| Internal Standards            |                |      |            |        |        |          |
| 1) 1,4-Difluorobenzene        | 8.842          | 114  | 395297     | 25.00  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634         | 117  | 363196     | 25.00  | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 13.554         | 152  | 193036     | 25.00  | ug/L   | 0.00     |
|                               |                |      |            |        |        |          |
| System Monitoring Compounds   |                |      |            |        |        |          |
| 4) Vinyl Chloride-d3          | 2.355          | 65   | 89880      | 18.29  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 73.16% |        |          |
| 7) Chloroethane-d5            | 2.891          | 69   | 73952      | 18.97  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 75.88% |        |          |
| 10) 1,1-Dichloroethene-d2     | 4.025          | 63   | 141968     | 14.45  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 57.80% |        |          |
| 20) 2-Butanone-d5             | 7.074          | 46   | 50518      | 38.53  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 77.06% |        |          |
| 24) Chloroform-d              | 7.647          | 84   | 219323     | 21.14  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 84.56% |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.305          | 65   | 116269     | 21.04  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 84.16% |        |          |
| 29) Benzene-d6                | 8.275          | 84   | 444332     | 22.28  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 89.12% |        |          |
| 33) 1,2-Dichloropropane-d6    | 9.274          | 67   | 123448     | 22.13  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 88.52% |        |          |
| 37) Toluene-d8                | 10.323         | 98   | 424494     | 22.37  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 89.48% |        |          |
| 38) trans-1,3-Dichloroprop... | 10.579         | 79   | 53758      | 21.26  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 85.04% |        |          |
| 39) 2-Hexanone-d5             | 10.927         | 63   | 43769      | 41.04  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 82.08% |        |          |
| 48) 1,1,2,2-Tetrachloroeth... | 12.688         | 84   | 104596     | 21.35  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 85.40% |        |          |
| 61) 1,2-Dichlorobenzene-d4    | 13.853         | 152  | 162850     | 23.65  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 94.60% |        |          |
|                               |                |      |            |        |        |          |
| Target Compounds              |                |      |            |        | Qvalue |          |
| 13) Acetone                   | 4.129          | 43   | 829        | 0.85   | ug/L   | 64       |
| 16) Methylene chloride        | 4.922          | 84   | 12149      | 1.92   | ug/L   | 89       |
| -----                         |                |      |            |        |        |          |

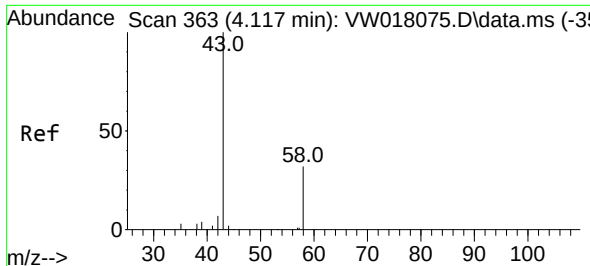
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW021121\  
Data File : VW018089.D  
Acq On : 11 Feb 2021 16:49  
Operator : SY/VA  
Sample : VIBLK13  
Misc : 5.00G/10ML/MSVOA\_W/SOIL  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VIBLK13

Quant Time: Feb 12 02:42:43 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM012921S.M  
Quant Title : VOC Analysis  
QLast Update : Fri Feb 12 02:37:00 2021  
Response via : Initial Calibration

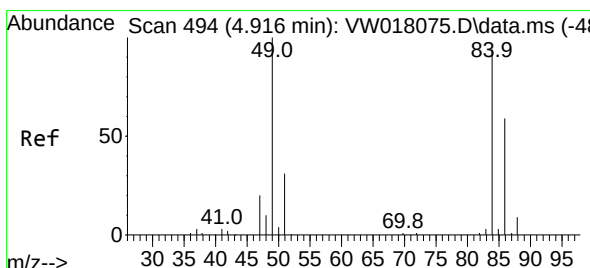
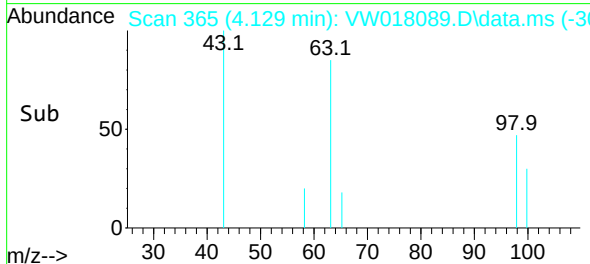
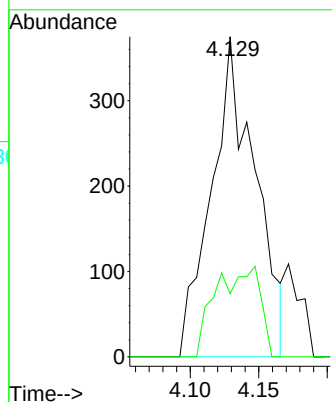
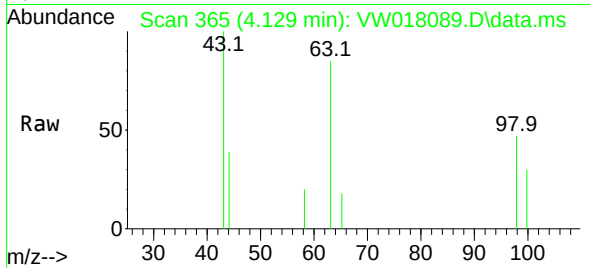




#13  
Acetone  
Concen: 0.85 ug/L  
RT: 4.129 min Scan# 365  
Delta R.T. 0.012 min  
Lab File: VW018089.D  
Acq: 11 Feb 2021 16:49

Instrument :  
MSVOA\_W  
ClientSampled :  
VIBLK13

Tgt Ion: 43 Resp: 829  
Ion Ratio Lower Upper  
43 100  
58 13.3 0.0 68.4



#16  
Methylene chloride  
Concen: 1.92 ug/L  
RT: 4.922 min Scan# 495  
Delta R.T. 0.006 min  
Lab File: VW018089.D  
Acq: 11 Feb 2021 16:49

Tgt Ion: 84 Resp: 12149  
Ion Ratio Lower Upper  
84 100  
49 98.3 81.2 150.8  
86 62.2 44.5 82.7

